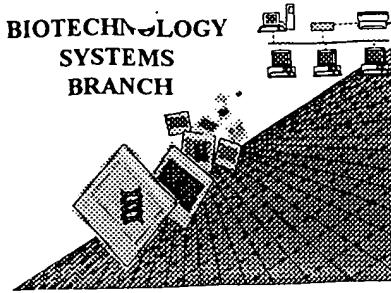


BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/775,938

Source: O/P/E

Date Processed by STIC: 2/14/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY.

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings; thus saving time and money.

Checker Version 3.0 can be downloaded from the USPTO website at the following address:
<http://www.uspto.gov/web/offices/pac/checker>

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OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/775,938

DATE: 02/14/2001

TIME: 16:31:51

Input Set : A:\PTO.txt
 Output Set: N:\CRF3\02142001\I775938.raw

**Does Not Comply
 Corrected Diskette Needed**

pp. 6-7

3 <110> APPLICANT: University of California
 5 <120> TITLE OF INVENTION: Bryostatins, Bryopyrans and Polyketides: Compositions
 6 and Methods
 8 <130> FILE REFERENCE: 1133.010W01
OK 10 <140> CURRENT APPLICATION NUMBER: US/09/775,938
 11 <141> CURRENT FILING DATE: 2001-01-31
 13 <150> PRIOR APPLICATION NUMBER: 60/147,283
 14 <151> PRIOR FILING DATE: 1999-08-04
 16 <160> NUMBER OF SEQ ID NOS: 38
 18 <170> SOFTWARE: PatentIn Ver. 2.1

ERRORED SEQUENCES

1378 <210> SEQ ID NO: 38
 1379 <211> LENGTH: 1812
 1380 <212> TYPE: PRT
 1381 <213> ORGANISM: Endobugula sertula
 1383 <220> FEATURE:
 1384 <221> NAME/KEY: PEPTIDE
 1385 <222> LOCATION: (1)..(1810)
 1386 <223> OTHER INFORMATION: Corresponds to open reading frame in SEQ ID NO:29
 1388 <400> SEQUENCE: 38
 1389 Met Val Val Val Glu Glu Phe Phe Val Ser Tyr Arg Asp Ile Leu Lys
 1390 1 5 10 15
 1392 Ala Leu Gln Asp Glu Lys Ile Ser Phe Glu Glu Ala Lys Tyr Lys Leu
 1393 20 25 30
 1396 Ile Lys Arg Lys Asp Lys Lys Ser Lys Gln Arg Leu Asn His Asp Arg
 1397 35 40 45
 1399 Glu Leu Asn Arg Ser Met Asn Ile Thr Pro Lys Ile Val Asn Asn Tyr
 1400 50 55 60
 1402 Gly Leu Val Leu Leu Gly Gly His Leu Phe Glu Glu Leu Arg Leu Ser
 1403 65 70 75 80
 1405 Glu Trp Lys Ala Ala Asn Pro Asn Pro Asn Glu Val Ser Ile Gln Val
 1406 85 90 95
 1408 Lys Ala Ser Ala Ile Ser Phe Thr Asp Thr Leu Cys Val Gln Gly Leu
 1409 100 105 110
 1411 Tyr Pro Ser His Tyr Pro Phe Val Pro Gly Phe Glu Val Ser Gly Val
 1412 115 120 125
 1414 Ile Arg Gln Val Gly Glu His Ile Thr Asp Leu His Val Gly Asp Glu
 1415 130 135 140
 1417 Val Ile Ala Phe Thr Gly Ser Ser Met Gly Gly His Ala Ala Tyr Val
 1418 145 150 155 160
 1420 Thr Val Pro Gln Asp Tyr Val Val Arg Lys Pro Lys Asp Leu Ser Phe
 1421 165 170 175
 1423 Glu Asp Ala Cys Ser Phe Pro Leu Ala Phe Ala Thr Val Tyr His Ser
 1424 180 185 190

RAW SEQUENCE LISTING
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Input Set : A:\PTO.txt
Output Set: N:\CRF3\02142001\I775938.raw

1426 Phe Ala Arg Gly Lys Leu Ser His Asn Asp His Ile Leu Ile Gln Thr
1427 195 200 205
1429 Ala Thr Gly Gly Cys Gly Leu Met Ala Leu Gln Leu Ala Arg Leu Lys
1430 210 215 220
1432 Gln Cys Val Cys Tyr Gly Thr Ser Ser Arg Glu Asp Lys Leu Ala Leu
1433 225 230 235 240
1435 Leu Lys Gln Trp Ala Leu Pro Tyr Val Phe Asn Tyr Lys Thr Cys Asn
1437 245 250 255
1439 Ile Asp Glu Glu Ile Gln Arg Val Ser Gly His Arg Gly Val Asp Val
1440 260 265 270
1442 Val Leu Asn Met Leu Pro Gly Glu His Ile Gln Gln Gly Leu Asn Ser
1443 275 280 285
1445 Leu Ala Lys Gly Gly Arg Tyr Leu Glu Leu Ser Met His Gly Leu Leu
1446 290 295 300
1448 Thr Asn Glu Pro Val Ser Leu Ser Ser Leu Arg Phe Asn Gln Ser Val
1449 305 310 315 320
1451 Gln Thr Ile Asn Leu Leu Gly Leu Leu Asn Lys Gly Asp Asp Gly Phe
1452 325 330 335
1454 Ile Gly Ser Val Leu Ala Gln Met Val Ser Trp Ile Glu Ser Gly Asp
1455 340 345 350
1457 Leu Val Ser Thr Val Ser Arg Ile Tyr Pro Leu Asp Gln Ile Gly Glu
1458 355 360 365
1460 Ala Leu Arg Tyr Val Ser Glu Gly Glu His Ile Gly Lys Val Val Val
1461 370 375 380
1463 Ser His Thr Ala Thr Glu Pro Met Asp Cys Arg Gln Arg Cys Ile Asp
1464 385 390 395 400
1466 Asn Val Leu Lys Gln Gly Gln Met Ala Ala Leu Thr Ala Thr Gly Gly
1467 405 410 415
1469 Lys Ser Arg Val Trp Gly Gly Thr Gly Val Asn Asp Lys Pro Ser Pro
1470 420 425 430
1472 Ala Val Gly Ile Glu Glu Arg Leu Leu Glu Gly Ile Ala Val Ile Gly
1473 435 440 445
1475 Leu Ser Gly Gln Tyr Pro Lys Ser Lys Thr Leu Glu Gln Phe Trp Gln
1476 450 455 460
1478 Thr Leu Ala Asp Gly Val Asp Cys Ile Ser Glu Ile Pro Ala Asp Arg
1479 465 470 475 480
1481 Trp Ser Leu Glu Glu Tyr Tyr Ser Pro Ile Pro Glu Gly Gly Lys Thr
1482 485 490 495
1484 Tyr Cys Lys Trp Met Gly Val Leu Glu Asp Met Asp Cys Phe Asp Pro
1485 500 505 510
1487 Leu Phe Phe Ala Ile Ser Pro Arg Glu Ala Glu Val Met Asp Pro Gln
1488 515 520 525
1490 Gln Arg Leu Phe Leu Glu Asn Ala Trp Ser Cys Ile Glu Asp Ala Gly
1491 530 535 540
1493 Ile Asn Pro Lys Met Leu Ser Arg Ser Arg Cys Gly Val Phe Val Gly
1494 545 550 555 560
1496 Cys Gly Ala Asn Asp Tyr Ser Ala Leu Met Asn Ser Ser His Ser Thr
1497 565 570 575
1499 Ser Leu Glu Leu Met Lys Glu Leu Gly Asn Asn Ser Ser Ile Leu Ser

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/775,938

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Input Set : A:\PTO.txt
Output Set: N:\CRF3\02142001\I775938.raw

1500	580	585	590	
1502	Ala Arg Ile Ser Tyr Phe Leu Asn Leu Lys Gly Pro Cys Leu Ala Ile			
1503	595	600	605	
1505	Asp Thr Ala Cys Ser Ser Ser Leu Val Ala Ile Ala Glu Ser Cys Asn			
1506	610	615	620	
1508	Ser Leu Val Leu Gly Thr Ser Asp Leu Ala Leu Ala Gly Gly Val Leu			
1509	625	630	635	640
1511	Leu Met Pro Gly Pro Ser Leu His Ile Gly Leu Ser His Gly Glu Met			
1512	645	650	655	
1514	Leu Ser Val Asp Gly Arg Cys Phe Thr Phe Asp Gln Arg Ala Asn Gly			
1515	660	665	670	
1517	Phe Val Pro Gly Glu Gly Val Gly Val Val Leu Leu Lys Arg Met Ser			
1519	675	680	685	
1521	Asp Ala Val Arg Asp Gly Asp Pro Ile Arg Ala Val Ile Arg Gly Trp			
1522	690	695	700	
1524	Gly Val Asn Gln Asp Gly Arg Ser Asn Gly Ile Thr Ala Pro Ser Ser			
1525	705	710	715	720
1527	Lys Ala Gln Ser Ala Leu Glu Gln Glu Val Tyr Gln Arg Phe Asn Ile			
1528	725	730	735	
1530	Asp Pro Ser Ser Ile Thr Leu Val Glu Ala His Gly Thr Gly Thr Lys			
1531	740	745	750	
1533	Leu Gly Asp Pro Ile Glu Val Glu Ala Leu Ala Glu Ser Phe Arg Val			
1534	755	760	765	
1536	Tyr Thr Asp Lys Arg His Tyr Cys Ala Leu Gly Ser Val Lys Ser Asn			
1537	770	775	780	
1539	Ile Gly His Leu Gly Val Gly Ala Gly Ile Ala Gly Val Thr Lys Val			
1540	785	790	795	800
1542	Leu Leu Ser Leu Gln His Arg Met Leu Pro Pro Thr Ile His Cys Glu			
1543	805	810	815	
1545	Asp Val Asn Pro Gln Ile Ala Leu Glu Gly Ser Pro Phe Tyr Ile Asn			
1546	820	825	830	
1548	Thr Glu Leu Lys Pro Trp Gln Ser Gly Asp Ser Ile Pro Arg Arg Ala			
1549	835	840	845	
1551	Gly Val Ser Ser Phe Gly Phe Ser Gly Thr Asn Ala His Leu Val Leu			
1552	850	855	860	
1554	Glu Glu Tyr Leu Pro His Ser Thr Gly Thr Ile Glu Ser Phe Ala Ala			
1555	865	870	875	880
1557	Asn His Ala Ser Thr Val Ile Ile Pro Leu Ser Ala Lys Ser His Asn			
1558	885	890	895	
1560	Ser Leu Tyr Thr Tyr Ala Gln Thr Leu Leu Ile Phe Leu Lys Arg Ser			
1561	900	905	910	
1563	Gln Val Thr Asp Ala Lys Lys Ile Thr Ile Asp His Met Glu Cys Arg			
1564	915	920	925	
1566	Leu Leu Asp Leu Ala Tyr Thr Leu Gln Val Gly Arg Glu Ala Met Asp			
1567	930	935	940	
1569	Lys Arg Ile Ser Phe Ile Val Asn Thr Lys Gln Ala Leu Val Glu Lys			
1570	945	950	955	960
1572	Leu Asn Ala Phe Leu Glu Lys Glu Lys Thr Ile Thr Asp Cys Tyr His			
1573	965	970	975	

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/775,938

DATE: 02/14/2001

TIME: 16:31:51

Input Set : A:\PTO.txt

Output Set: N:\CRF3\02142001\I775938.raw

1575 Tyr Leu Phe Asp Ser Asp Lys Pro Ser Thr Glu Ile Phe Arg Leu Asp
 1576 980 985 990
 1578 Glu Asp Asp Lys Val Leu Ile Asn Ser Trp Ile Ser Gln Ser Gln Tyr
 1579 995 1000 1005
 1581 His Lys Leu Ala Glu Ala Trp Ser Gln Gly Leu Asp Ile Asp Trp Thr
 1582 1010 1015 1020
 1584 Leu Leu Tyr Thr His Ser Ser Thr Pro Arg Arg Ile Ser Leu Pro Thr
 1585 1025 1030 1035 1040
 1587 Tyr Pro Phe Ala Arg Asp Arg Tyr Trp Leu Pro Glu Lys Pro Arg Tyr
 1588 1045 1050 1055
 1590 Asn Ala Ala Asn His Pro Val Ser Asn His Gln Thr Thr Gln Asn
 1591 1060 1065 1070
 1593 His Ser Arg Phe Ala Ile Asp Thr Asp His Asp Val Val Ala Glu Ile
 1594 1075 1080 1085
 1596 Met Gln Lys Thr His Gln Gln Glu Leu Glu Gln Trp Leu Leu Lys Leu
 1597 1090 1095 1100
 1599 Leu Phe Val Gln Leu Gln His Met Gly Leu Phe Gln His Arg Val Phe
 1601 1105 1110 1115 1120
 1603 Glu Thr Ala Thr Ala Leu Arg Gln Ser Ala Gly Ile Val Asp Lys Tyr
 1604 1125 1130 1135
 1606 Asp Arg Trp Trp His Glu Cys Leu Ser Val Leu Gln Asp Ala Gly Tyr
 1607 1140 1145 1150
 1609 Leu Glu Trp Lys Asp Asp Ser Val Ala Ala Ala Gln Ala Leu Glu Ser
 1610 1155 1160 1165
 1612 Glu Ser Gln Glu Ala Trp Trp Ser Arg Trp Asn Thr Glu Tyr Lys His
 1613 1170 1175 1180
 1615 Tyr Gln Asn Asp Pro Glu Lys Lys Thr Leu Ala Ile Leu Ile Asn Asp
 1616 1185 1190 1195 1200
 1618 Cys Leu Gln Ala Leu Pro Gly Val Leu Ser Gly Glu Gln Leu Ile Thr
 1619 1205 1210 1215
 1621 Asp Ile Ile Phe Pro Asn Gly Ser Met Glu Lys Met Glu Gly Leu Tyr
 1622 1220 1225 1230
 1624 Lys Asn Asn Arg Ile Ala Asp Tyr Cys Asn Gln Cys Val Gly Asp Leu
 1625 1235 1240 1245
 1627 Leu Val Gln Phe Ile Glu Ala Arg Leu Ser Arg Asp Ala Asn Ala Arg
 1628 1250 1255 1260
 1630 Ile Arg Ile Ile Glu Ile Gly Ala Gly Thr Gly Gly Thr Thr Ala Ile
 1631 1265 1270 1275 1280
 1633 Val Leu Pro Met Leu Gln Ala Tyr Gln Asp His Ile Asp Thr Tyr Cys
 1634 1285 1290 1295
 1636 Tyr Thr Asp Val Ser Lys Ala Phe Leu Met His Gly Gln Glu His Tyr
 1637 1300 1305 1310
 1639 Gly Glu Gln Tyr Pro Tyr Leu Ser Tyr Cys Leu Cys Asn Ile Glu Gln
 1640 1315 1320 1325
 1642 Asp Leu Val Ala Gln Gly Ile Ser Val Gly Asp Tyr Asp Ile Ala Ile
 1643 1330 1335 1340
 1645 Ala Ala Asn Val Leu His Ala Thr Arg Asn Ile His Glu Thr Val Ser
 1646 1345 1350 1355 1360
 1648 His Val Arg Gln Ala Leu Ala Ala Asn Gly Leu Leu Ile Leu Asn Glu

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/775,938

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Input Set : A:\PTO.txt
Output Set: N:\CRF3\02142001\I775938.raw

1649	1365	1370	1375
1651	Phe Ser Gln Lys Ser Val Phe Ser Ser Val Ile Phe Gly Leu Ile Asp		
1652	1380	1385	1390
1654	Gly Trp Ala Leu Ser Glu Asp Thr Gly Leu Arg Ile Pro Gly Ser Pro		
1655	1395	1400	1405
1657	Gly Leu Tyr Pro Lys Gln Trp Gln Ala Val Leu Glu Ala Ser Gly Phe		
1658	1410	1415	1420
1660	Gly Asp Val Glu Phe Pro Leu His Asp Ala Arg Glu Leu Gly Gln Gln		
1661	1425	1430	1435
1663	Ile Ile Leu Ala Thr Asn Ala His Ala Asn Val Ala Ser Asp Leu Ala		
1664	1445	1450	1455
1666	Thr Ser Val Ile Asp His Ala Pro Lys Arg Leu Pro Ser Ala Glu Val		
1667	1460	1465	1470
1669	Ser Met Asp Glu Arg Val Ser His Asp Ala Met Met Lys Ala Ser Val		
1670	1475	1480	1485
1672	Lys Gln Leu Leu Val Glu Gln Leu Ser Gln Ser Leu Lys Leu Asp Met		
1673	1490	1495	1500
1675	Asn Glu Ile His Pro Asp Glu Ser Phe Ala Asp Tyr Gly Val Asp Ser		
1676	1505	1510	1515
1678	Ile Thr Gly Ala Ser Phe Ile Gln Gln Leu Asn Asp Thr Leu Thr Leu		
1679	1525	1530	1535
1681	Thr Leu Lys Thr Val Cys Leu Phe Asp His Ser Ser Val Asn Arg Leu		
1683	1540	1545	1550
1685	Thr Ala Tyr Leu Leu Ser Asp Tyr Gly Asp Asp Ile Ala Gln Trp Leu		
1686	1555	1560	1565
1688	Ala Thr Ala Pro Ala Leu Val Asp His Pro Gln Ser Val Val Ser Gln		
1689	1570	1575	1580
1691	Val Leu Pro Glu Arg Ser Pro Ala Ser Thr Gln Ala Lys Pro Leu Pro		
1692	1585	1590	1595
1694	Ser Val Pro Pro Ser Leu Ser Met Glu Ser Pro Val Gln Gln Glu Ser		
1695	1605	1610	1615
1697	Ile Ala Ile Ile Gly Met Ser Gly Arg Phe Ala Ala Ser Glu Asn Leu		
1698	1620	1625	1630
1700	Glu Ala Phe Trp Gln Gln Leu Ala Gln Gly Val Asp Leu Val Glu Pro		
1701	1635	1640	1645
1703	Ala Ser Arg Trp Gly Pro Gln Ala Glu Thr Tyr Tyr Gly Ser Phe Leu		
1704	1650	1655	1660
1706	Lys Asp Met Asp Gln Phe Asp Pro Leu Phe Phe Asn Leu Ser Gly Val		
1707	1665	1670	1675
1709	Glu Ala Ser Tyr Met Asp Pro Gln Gln Arg Cys Phe Leu Glu Glu Ser		
1710	1685	1690	1695
1712	Trp Asn Ala Leu Glu Asn Ala Gly Tyr Val Gly Asp Gly Ile Glu Gly		
1713	1700	1705	1710
1715	Lys Arg Cys Gly Ile Tyr Ala Gly Cys Val Ser Gly Asp Tyr Ala Gln		
1716	1715	1720	1725
1718	Leu Leu Gly Asp Gln Pro Pro Gln Ala Phe Trp Gly Asn Ala Ser		
1719	1730	1735	1740
1721	Ser Ile Ile Pro Ala Arg Ile Ala Tyr Tyr Leu Asn Leu Gln Gly Pro		
1722	1745	1750	1755
			1760

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/775,938

DATE: 02/14/2001

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Input Set : A:\PTO.txt

Output Set: N:\CRF3\02142001\I775938.raw

1724 Ala Thr Ala Val Asp Thr Ala Cys Ser Ser Ser Leu Val Ala Val His
1725 1765 1770 1775
1727 Leu Ala Cys Gln Ala Leu His Leu Asp Glu Met Glu Met Ala Leu Ala
1728 1780 1785 1790
1730 Gly Gly Val Ser Leu Tyr Pro Thr Pro Ile Ile Val Glx Val Phe Ala
1731 1795 1800 1805
1733 Trp Cys Arg Tyr
1734 1810
E--> 1738 ⑨

delete at end of file

09/875,938

7

<210> 24

<211> 103

<212> PRT

<213> Endobugula sertula

<400> 24

Thr Trp Xaa Ser Leu Leu Arg Trp Gly Leu Leu Gln Asn His Phe Asp
1 5 10 15

Pro Tyr Thr Glu Lys Lys Asn Tyr Cys Ala Ser Gly Ser Val Lys Ser
20 25 30

Asn Ile Gly His Leu Thr Ala Ala Gly Val Ser Gly Val Val Lys Val
35 40 45

Leu Leu Ala Leu Lys His Lys Gln Leu Pro Pro Ser Cys His Leu Val
50 55 60

Lys Ile Asn Glu His Ile Asn Leu Glu Asp Ser Pro Phe Tyr Ile Asn
65 70 75 80

Thr Ala Leu Lys Lys Trp Glu Val Ser Glu Gly Glu Ala Arg Arg Ala
85 90 95

Ala Val Ser Ser Phe Gly Ser
100

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/775,938

DATE: 02/14/2001
TIME: 16:31:52

Input Set : A:\PTO.txt
Output Set: N:\CRF3\02142001\I775938.raw

L:10 M:270 C: Current Application Number differs, Replaced Application Number
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:31 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:46 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:456 M:258 W: Mandatory Feature missing, <220> not found for SEQ ID#:24
L:456 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:24
L:456 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:24
L:456 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:24
L:456 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:24
L:725 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:726 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:727 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:728 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:748 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:749 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:750 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:751 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:752 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:755 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:756 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:762 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:763 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:764 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:765 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:766 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:777 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:787 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:788 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:789 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:791 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:795 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:800 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:802 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:803 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:804 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:805 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:819 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:835 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:836 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:837 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:838 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:839 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:841 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:843 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:844 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:863 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:864 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:866 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31

VERIFICATION SUMMARY
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DATE: 02/14/2001
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Input Set : A:\PTO.txt
Output Set: N:\CRF3\02142001\I775938.raw

L:868 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:869 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:881 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:887 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:894 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:901 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:902 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:905 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:906 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:1738 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:38